SAMSUNG

MINI-COMPACT RADIO DATA SYSTEM

MAX-N72/N73/N75

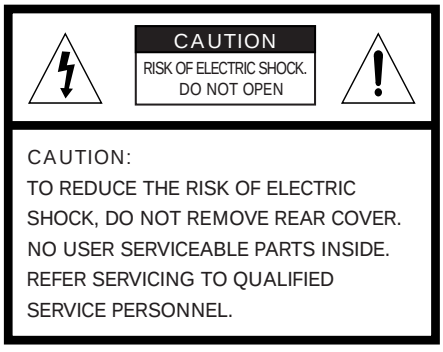
Instruction Manual

Downloaded From Disc-Player.com Samsung Manuals

Safety Warnings

GB

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1


CAUTION
RISK OF ELECTRIC SHOCK.
DO NOT OPEN
CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE REAR COVER.
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTER LOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit.

This symbol alerts you to important operating and maintenance instructions accompanying the unit.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

Wiring the Main Power Supply Plug(UK Only)

IMPORTANT NOTICE

The main lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and if it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover removed. If the cover is detachable and a replacement is required, it must be of the same colour as the fuse fitted in the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a main socket as there is a risk of shock hazard from the bared flexible cord.

Never attempt to insert bare wires directly into a main socket. A plug and fuse must be used at all times.

IMPORTANT

The wires in the main lead are coloured in accordance with the following code:–

BLUE = NEUTRAL BROWN = LIVE

As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:–

The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL ⏚, OR COLOURED GREEN OR GREEN AND YELLOW.

Downloaded From Disc-Player.com Samsung Manuals

Contents

Thank you for buying this SAMSUNG mini-compact system.

Please take time to read these instructions. They will allow you to operate your system with ease and take full advantage of its features.

GB

♦ Safety Warnings 2
♦ Installing Your Mini-Compact System
■ Front Panel View 4
■ Remote Control 5
■ Rear Panel View 6
■ Where to Install Your Mini-Compact System 7
■ Connecting your System to the Power Supply 7
■ Connecting the Loudspeakers 7
■ Connecting the AM(MW)/LW Aerial 8
■ Connecting the FM Aerial 8
■ Inserting Remote Control Batteries 9
■ Viewing the Various Functions on Your System 9
■ Moving Jog Function 9
■ Setting the Clock 10

♦ CD-Player
■ Loading and Changing Compact Discs 10
■ Listening to a Compact Disc 11
■ Selecting a Disc in the CD changer 11
■ Selecting a Track 11
■ Searching for a Specific Music Passage on a CD 12
■ Shuffle Function 12
■ Repeating One or All Tracks on the Compact Discs 12
■ Programming the Order of Playback 12
■ Checking or Changing Programmed Tracks 13

♦ Tuner
■ Searching for and Storing the Radio Stations 14
■ Selecting a Stored Station 14
■ Improving Radio Reception 14
■ About RDS broadcasting 15
■ About RDS Display function 15
■ TPY (Program Type) indication and PTY-SEARCH function 16

♦ Tape Deck
■ Listening to a Cassette 17
■ CD Synchro Record Feature 17
■ Recording a Compact Disc 17
■ Recording a Radio Programme 18
■ Copying a Cassette (Dubbing) 18
■ Selecting the Cassette Playback Mode 18
■ Tape Counter 19
■ Dolby Noise Reduction System (Only MAX-N75) 19
■ Counter Display (Only MAX-N73/N72) 19

♦ Other Functions
■ Timer Function 20
■ Cancelling the Timer 21
■ Mute Function 21
■ Power Sound/Surround Function 21
■ Super Bass System (SBS) 21
■ User EQ Setting 22
■ Selecting an Equalizer Preset 22
■ 3D Surround Function 22
■ Game Function 23
■ Connecting Headphones 23
■ Connecting to an External Source 24
■ CD Digital Out Jack 24

♦ Recommendations for Use
■ Safety Precautions 24
■ Cleaning Your Mini-Compact System 25
■ Precautions When Using Compact Discs 25
■ Precautions When Using Audio Cassettes 25
■ Before Contacting the After-Sales Service 25
■ Technical Specifications 26

Symbols

Press

Push

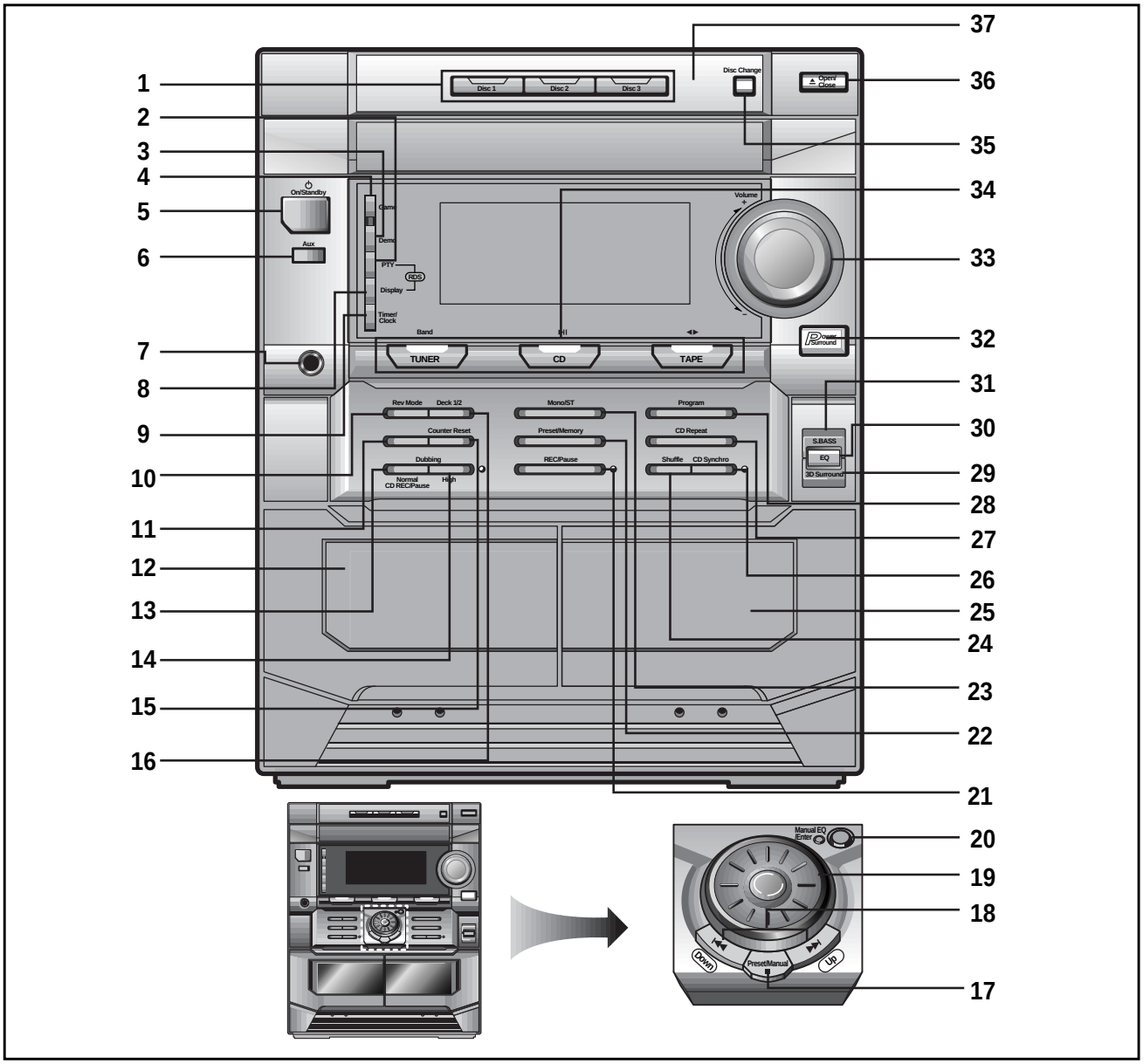
Important

Note

Downloaded From Disc-Player.com Samsung Manuals

Front Panel View

GB

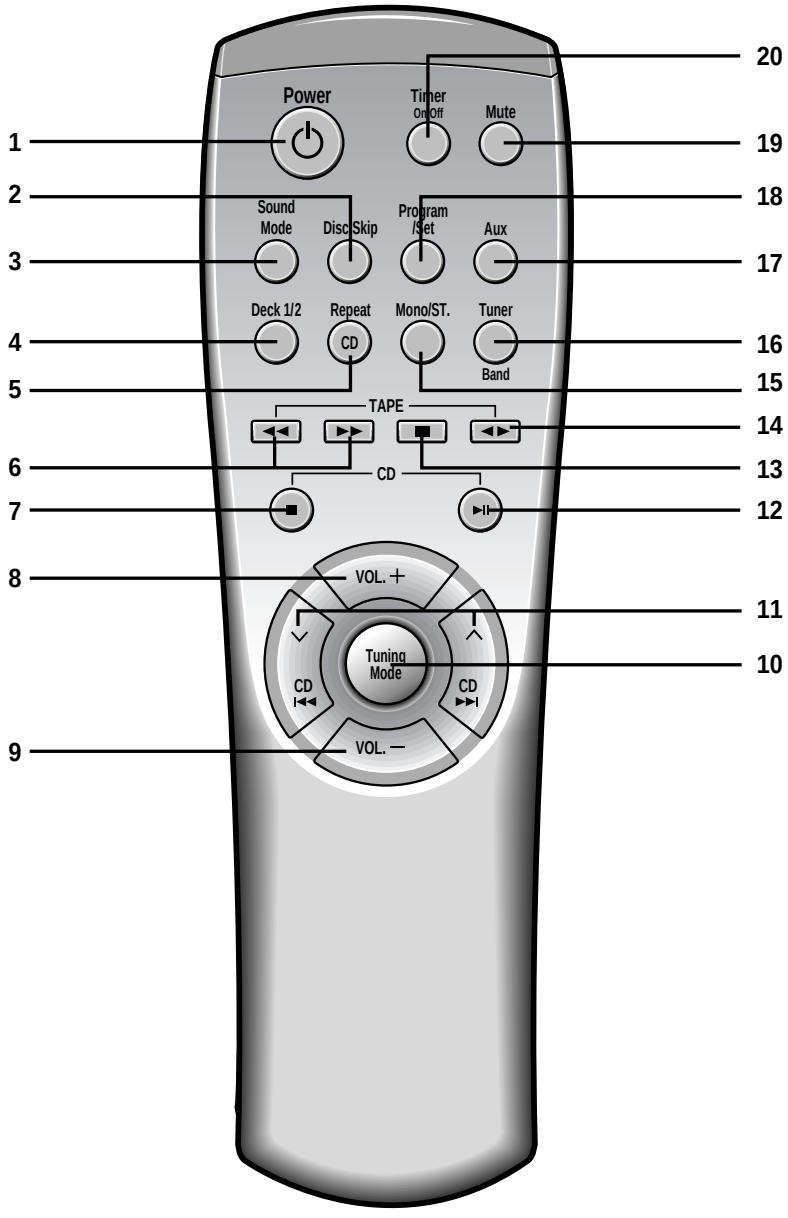


1. Disc Selection Buttons
2. PTY (RDS)
3. Demo
4. Game
5. On/Standby
6. Aux
7. Headphone Jack Connector
8. Display (RDS)
9. Timer/Clock
10. Rev Mode
11. Counter Display (MAX-N73/N72)
    Dolby NR (MAX-N75)
12. Cassette Deck 1
13. Dubbing Normal/CD REC/Pause
14. Dubbing High
15 Counter Reset
16. Deck 1/2
17. Preset/Manual or Stop Button
18. CD Track or Radio Station Search (Down/Up)
19. Moving Jog
20. Manual EQ/Enter
21. REC/Pause
22. Preset Memory
23. Mono/ST
24. Shuffle
25. Cassette Deck 2
26. CD Synchro
27. CD Repeat
28. Program
29. 3D Surround
30. EQ
31. S. Bass
32. Power Surround
33. Volume
34. Function Selection Buttons.
35. Disc Change
36. Open/Close
37. Compact Disc Compartment

Downloaded From Disc-Player-Manuals.com Manuals

Remote Control

GB

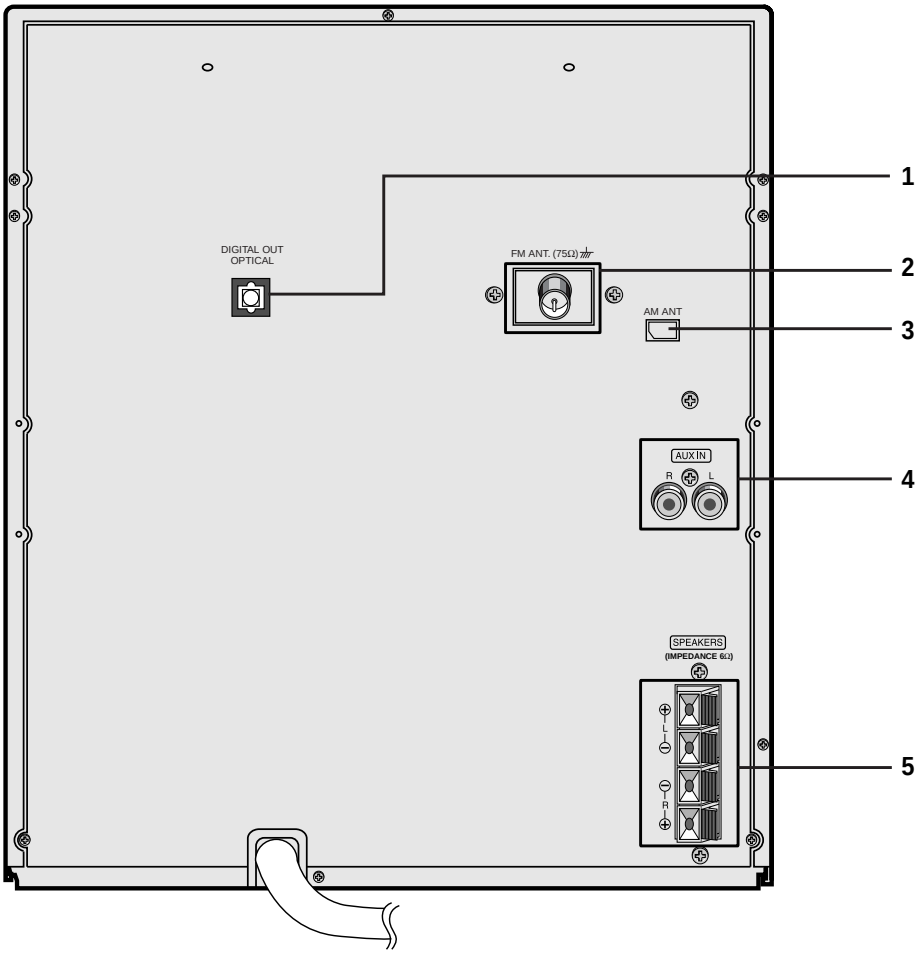


1. On/Standby
2. Disc Number Skip
3. Sound Mode
4. Deck 1/2
5. CD Repeat
6. Tape Rewind and Fast-Forward
7. CD Stop
8. Volume Increase
9. Volume Decrease
10. Tuning Mode
11. CD Track or Radio Station Search
12. CD Play and Pause
13. Deck Stop
14. Deck Play
15. Mono/ST Selection
16. Frequency Band Selection
17. AUX
18. Program/Set
19. Mute
20. Timer On/Off

Downloaded From Disc-Player.com Samsung Manuals

Rear Panel View

GB



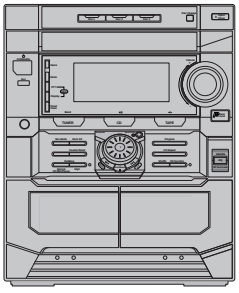
1. **CD Digital out Jack**
2. **FM Aerial Connector Terminal**
3. **AM(MW)/LW Aerial Connector Terminal**
4. **Aux-Input**
5. **Loudspeaker Connector Terminal**

Downloaded From Disc-Player.com Samsung Manuals

Where to Install Your Mini-Compact System

To take full advantage of your new mini-compact system, follow these installation instructions before connecting the unit.

- Install the system on a flat, stable surface.
- Never place this unit on carpeting.
- Never place this unit in an outdoor area.
- Maintain an open space of approximately 4 inches (10 cm) on the sides and rear of the system, for ventilation purposes.
- Make sure that you have enough room to open the compact disc compartment easily.
- Place the loudspeakers at a reasonable distance on either side of the system to ensure good stereo sound.
- Direct the loudspeakers towards the listening area.
- For optimum performance, make sure that both speakers are placed at an equal distance above the floor.

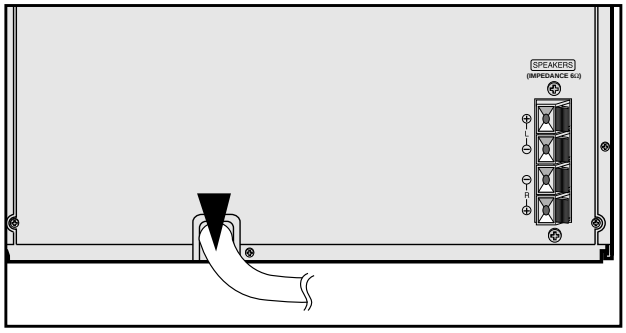


Connecting your System to the Power Supply

The main lead must be plugged into an appropriate socket.

☛ Before plugging your system into a main socket, you must check the voltage.

1. Plug the main lead (marked **AC Cord** on the rear of the system) into an appropriate socket.
2. Press the **On/Standby** button to switch your mini-compact system on.



Connecting the Loudspeakers

GB

The loudspeaker connector terminals are located on the rear of the system.

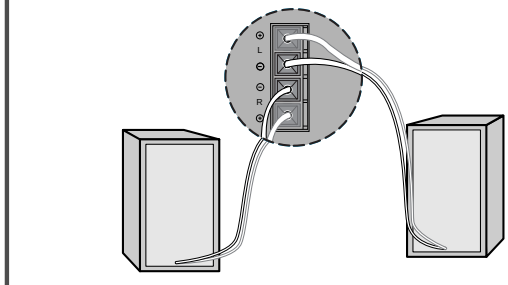
There are four terminals on the system:
- Two for the left speaker (marked L)
- Two for the right speaker (marked R)

To achieve the correct sound quality, connect the:
- Red wire to the + terminals
- Black wire to the - terminals

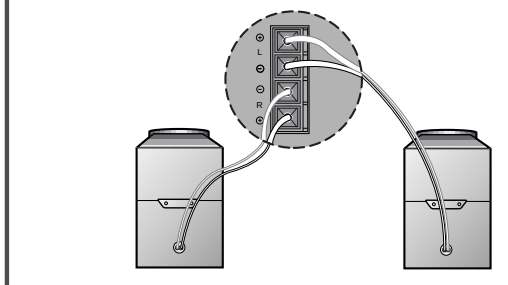
1. To connect a wire to a terminal, push the tab as far as it will go:
   - To the right on the system
2. Insert the wire, up to the plastic sheathing, in the hole.
3. Push the tab back:
   - To the left on the system, until it clicks into place
   - To the top on the loudspeaker

   Result: The wire is pinched and held firmly in place.
4. Repeat the operation for each wire.

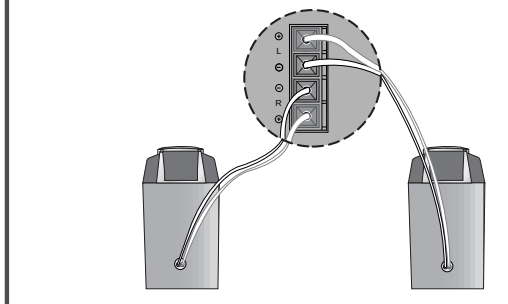
<MAX-N72>



<MAX-N73>



<MAX-N75>



Downloaded From Disc-Player.com Samsung Manuals

GB

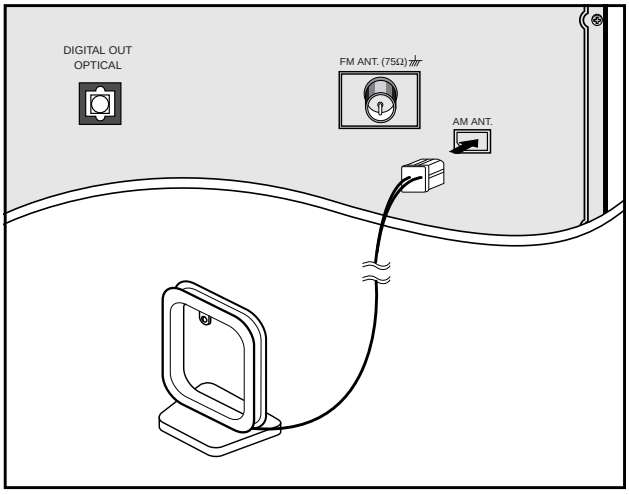
Connecting the AM(MW)/LW Aerial

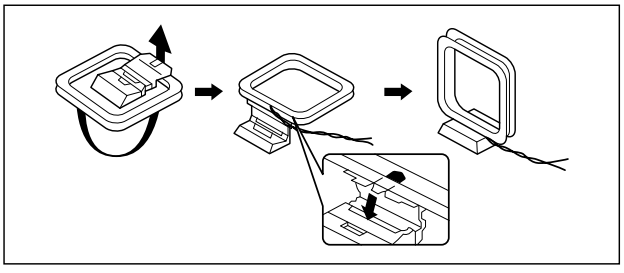
The AM aerial (for long and medium waves) can be:

- Placed on a stable surface
- Fixed to the wall (you must first remove the base)

The **AM** aerial connector terminals are located on the rear of the system and are marked **AM** .

☛ To avoid noise interference, check that the loudspeaker wires do not run close to the aerial wires.
Always keep them at least 2 inches (5 cm) away.

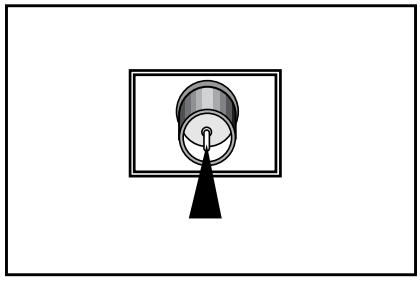


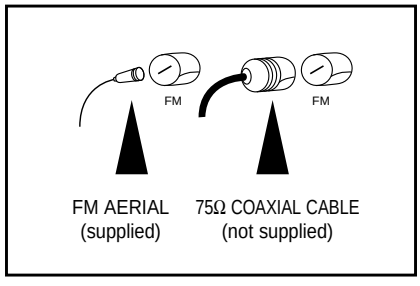


Connecting the FM Aerial

How to connect a COAXIAL TYPE aerial.

- Connect a 75Ω antenna to the **FM** antenna terminal.
- Plug the connector on the **FM** aerial supplied into the coaxial socket (75Ω) marked **FM** on the rear of the system.
- Follow the instructions given on Page 14 to tune into a radio station, and determine the best position for the aerial.
- If reception is poor, you may need to install an outdoor aerial.
  To do so, connect an outdoor **FM** aerial to the **FM** socket on the rear of the system using a 75Ω coaxial cable (not supplied).





Downloaded From Disc-Player.com Samsung Manuals

Inserting Remote Control Batteries

Insert or replace remote control batteries when you:

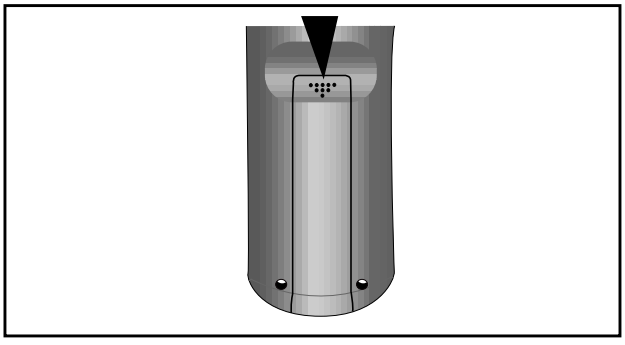
- Purchase the mini-compact system
- Find that the remote control is no longer operating correctly

When replacing the batteries, use a new set of batteries and never mix alkaline and manganese batteries.

1 Place your thumb on the position marked ▼ on the battery compartment cover (rear of the remote control) and push the cover in the direction of the arrow.

2 Insert two AAA, LR03 or equivalent batteries, taking care to respect the polarities:
- + on the battery against + on the remote control
- – on the battery against - on the remote control

3 Replace the cover by sliding it back until it clicks into position.



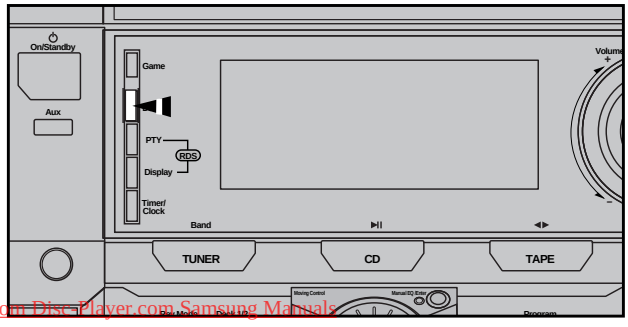
Viewing the Various Functions on Your System

You can view the various functions available on your system.

1 Press the **Demo** button.
Result: The various functions available are listed in turn on the display.

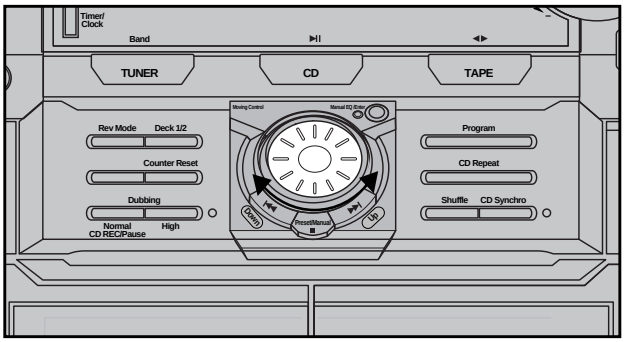
All these functions are described in detail in this booklet.
For instructions on how to use them, refer to the appropriate sections.

2 To cancel this function, press **Demo** again.



Moving Jog Function

- Your mini-compact system has an improved Moving Jog Function, including visual effect on standard jog function.
- Each time you press Tuner, CD or Tape buttons, Moving Jog will move automatically to a selected function.
- Moving Jog will always return to CD position at standby.
- Be cautious not to move Moving Jog excessively or give extreme force. It will likely be the major cause of malfunction.



Downloaded From Disc-Player.com Samsung Manuals

Setting the Clock

Your system is equipped with a clock which allows you to turn your system on and off automatically. You should set the clock:

- When you purchase the mini-compact system
- After a power failure
- After unplugging the unit

- Remember to reset the time when the clock changes from winter to summer time and vice versa.
- For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

1 Switch the system on by pressing **On/Standby**.

2 Press **Timer/Clock** twice.
Result: **CLOCK** is displayed.

3 Press **Manual EQ/Enter**.
Result: The hour flashes.

4

To...	Turn the Moving Jog knob to the...
Increase the hours	Right
Decrease the hours	Left

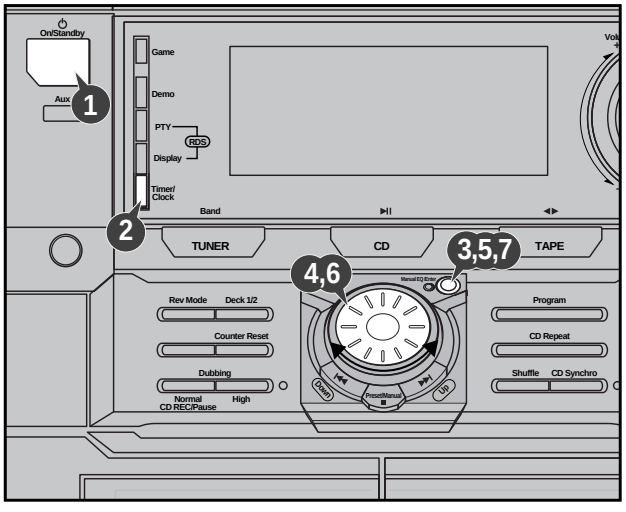
5 When the correct hour is displayed, press **Manual EQ/Enter**.
Result: The minutes flash.

6

To...	Turn the Moving Jog knob to the...
Increase the minutes	Right
Decrease the minutes	Left

7 When the correct time is displayed, press **Manual EQ/Enter**.
Result: The clock starts and is displayed, even when the system is in standby mode.

You can display the time, even when you are using another function, by pressing Timer/Clock once.



Loading and Changing Compact Discs

The CD disc changer can contain up to three 12 cm or 8 cm compact discs without using an adapter.

Never force the compact disc carrousel when opening and closing the compartment.

Never press down or place objects on the carrousel.

Always treat your compact discs with care; refer, if necessary, to the section entitled "**Precautions When Using Compact Discs**" on page 25.

1 Switch the system on by pressing **On/Standby**.

2 Press the **Open/Close** button on the front panel.
Result: The compartment opens.

3 Place one or two discs in the front slots of the carrousel, with the label on the discs facing upwards.
Check that the compact disc has been correctly inserted in the holder before closing the compartment.

4 If you wish to load a third compact disc, press the **Disc Change** button on the front panel (or **Disc Skip** on the remote control).
Result: The carrousel rotates by 120°.

5 Close the compartment by pressing the **Open/Close** button again.
If you wish to start playing a disc directly, you can also proceed as follows.

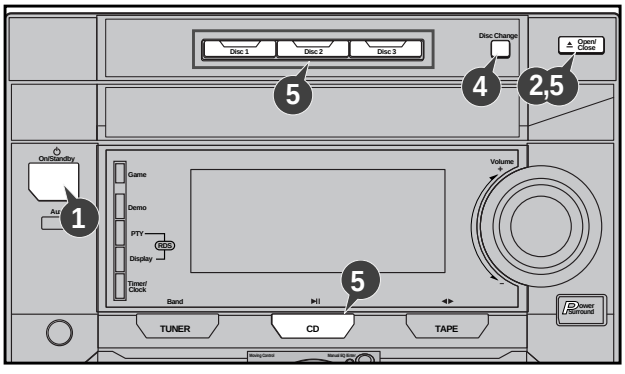
To play...	Press...
Disc 1	CD (▶II) or Disc 1
Disc 2	Disc 2
Disc 3	Disc 3

Result: The compartment closes automatically and the disc selected starts playing.

6 To change or unload the compact disc changer, repeat Steps **2** to **5**.

Keep the compartment closed whenever you are not using it, to prevent dust from entering.

You can load or unload compact discs when the radio, tape or auxiliary source function is selected.



Downloaded From Disc-Player.com Samsung Manuals

Listening to a Compact Disc

When you have loaded at least one compact disc into the player, you can start listening to it.

➢ Always treat your compact discs with care; refer, if necessary, to the section entitled "**Precautions When Using Compact Discs**" on page 25.

1 Switch the system on by pressing **On/Standby**.

2 Select the CD function by pressing **CD (▶II)** on the front panel.

3 Load one or more discs.

4 Press **CD (▶II)** on the front panel or ▶II on the remote control.

➢ If you have loaded more than one compact disc, they will be played in turn.

5 Adjust the volume as required by:
- ♦ Turning the **Volume** knob on the front panel

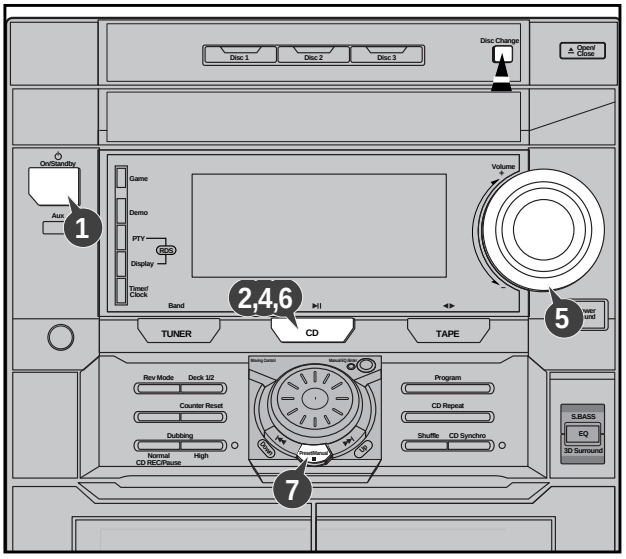
or
- ♦ Pressing the **VOL. +** or **–** buttons on the remote control

6 To pause temporarily during playback, press **CD (▶II)**.

➢ Press **CD (▶II)** again to continue disc playback.

7 Press ■ when you have finished.

➢
- ♦ When playing a disc, you can load new discs without stopping the current one. To do so, open the compartment by pressing Disc Change and load new discs in the other two vacant slots (not the one containing the disc that you are playing). You cannot rotate the carrousel during playback.
- ♦ When no discs are loaded, the **"NO DISC"** indication is displayed.
- ♦ The CD player stops automatically after playing the three discs, if the CD REPEAT function has not been selected.



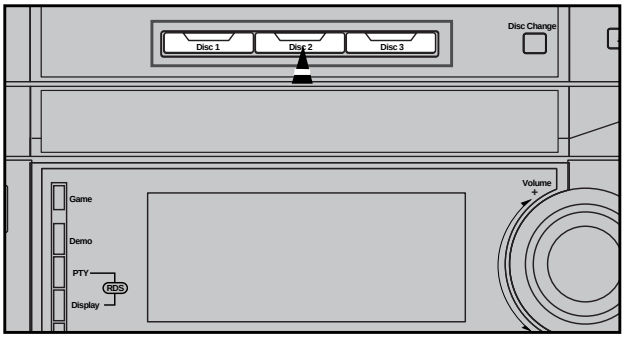
Selecting a Disc in the CD changer

The CD function is automatically selected when DISC SKIP is pushed.

To select a specific disc, press the corresponding Disc (1, 2, 3) button on the front panel or Disc Skip on the remote control, until the required disc indicator flashes.
Result: All the discs will be played in turn, starting with the one selected.

➢ If you wish to play the current disc only, press Repeat on the remote control one or more times, until **1 CD** is displayed.

➢
- ♦ If you use the Disc (1, 2, 3) function when listening to the radio or to a tape, the system switches automatically to the CD mode.
- ♦ If the disc selected is not loaded, the next disc is played automatically.

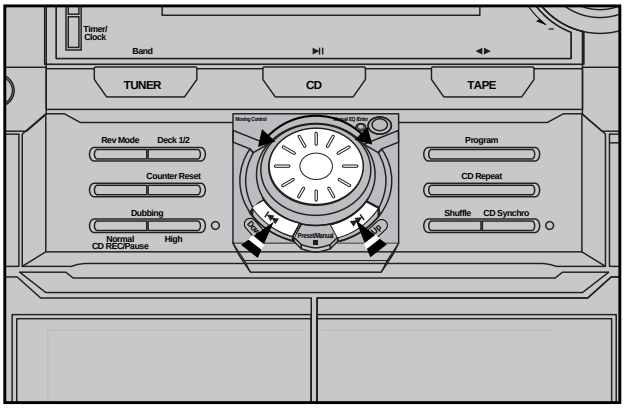


Selecting a Track

You can select the track you wish to listen to, either when the compact disc player is stopped or when a disc is playing.

To start playback at the beginning of the...	Turn the Moving Jog knob...
Next track	One notch to the right
Current track	One notch to the left
Previous track	Two notches to the left
Track of your choice	The appropriate number of notches to the right or to the left

➢
- ♦ You can also use the ⏮ and ⏭ buttons on the front panel, or the ⏮ and ⏭ buttons on the remote control.



Downloaded From Disc-Player.com Samsung Manuals

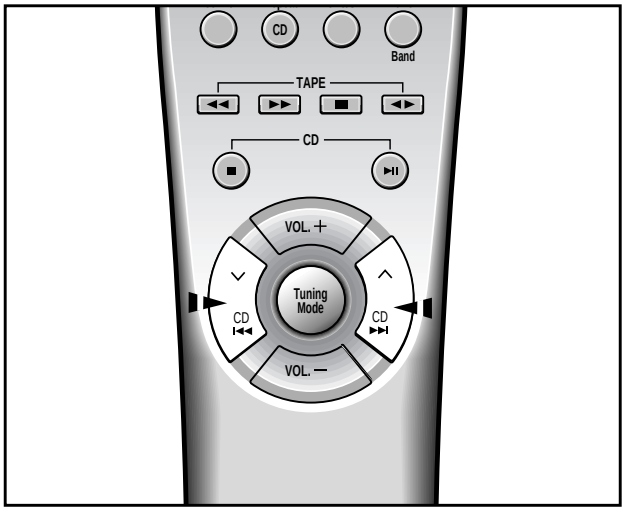
GB

Searching for a Specific Music Passage on a CD

When listening to a compact disc, you can quickly search for a specific music passage on a track.

➢ It is recommended that you turn the volume down before using this function.

To search through the tracks...	Press and hold down...
Forwards	⏭ for at least one second
Backwards	⏮ for at least one second



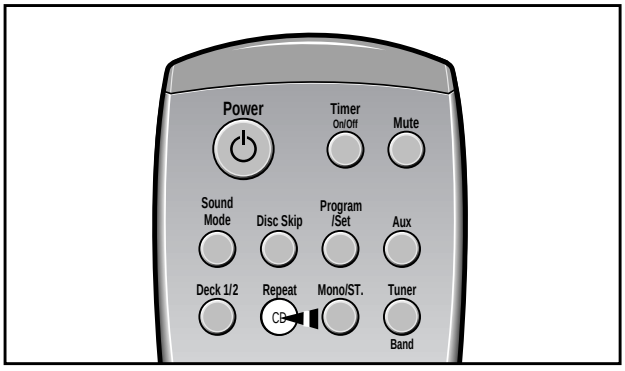
Repeating One or All Tracks on the Compact Discs

You can repeat indefinitely:
- A specific track on a compact disc.
- All tracks on the compact disc selected.
- All discs loaded in the carrousel

1

To repeat...	Press CD Repeat on the REMOTE CONTROL one or more times until...
The current track indefinitely	**REPEAT 1** is displayed
The selected disc	**REPEAT 1 CD** is displayed
All discs loaded	**REPEAT ALL CD** is displayed

2 When you wish to stop the Repeat function, press **Repeat** until **ALL CD** is displayed, or press ■ .



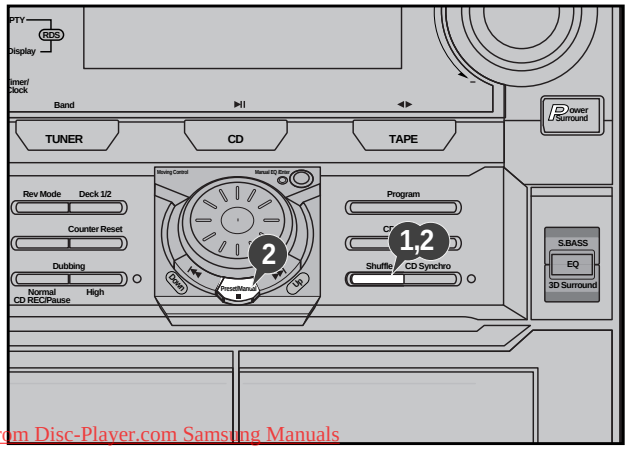
Shuffle Function

The Shuffle function allows you to select and listen to the tracks at random.

1 Press the **Shuffle** button on the front panel.
If this button is pressed while a CD is played back or stopped, any tracks in the CD can be selected and played back without repeat.

2 To cancel, press ■ or the **Shuffle** button.

☛ The CD player stops and the shuffle function is automatically canceled when the music stops.



Programming the Order of Playback

You can decide:
- The order in which you listen to the tracks on the discs loaded
- Which tracks you do not wish to listen to

➢
- You can programme up to 24 tracks.
- You must stop the compact disc player before selecting the tracks.
- This feature can be combined with the Repeat function.

1 If the CD function is selected, stop the player by pressing ■ .

2 Load the selected CDs.

3 Press **Program** on the front panel.
Result: The following indications are displayed:

PRGM 01 PR D1 – –

(01 = Programme n°, DI = Disc n°, – – = Track n° on the disc)

4 If necessary, select the disc containing the required track by pressing the corresponding **Disc (1, 2, 3)** button.

5 Select the required track by turning the **Moving Jog** knob:
- To the left to move back through the tracks
- To the right to move forward through the tracks

6 Press **Program** to confirm your selection.

Result: The selection is stored and PRGM 02 PR D1 – – is displayed.

Downloaded From Disc-Player.com Samsung Manuals

Programming the Order of Playback(Continued)

7 To select other tracks, repeat Steps **4** to **6**.

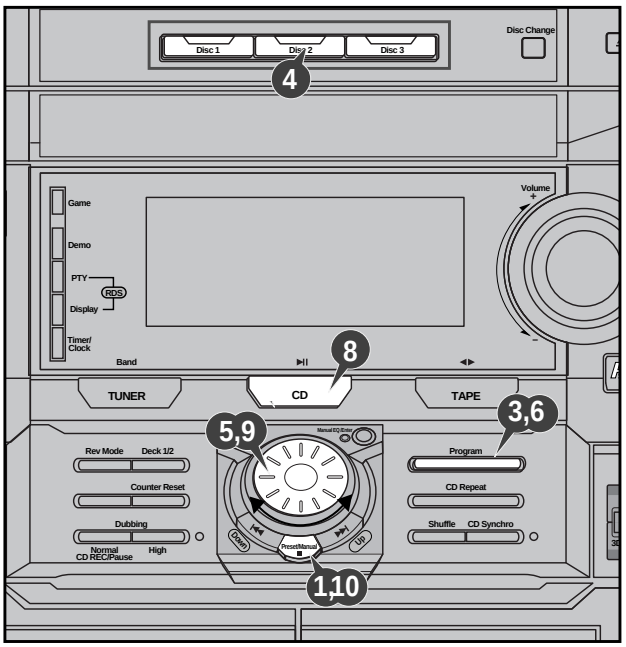
8 Press ▶II to listen to the track selection in the order programmed.

9

To...	Turn the Moving Jog knob...
Listen to the current track again	One notch to the left
Listen to the previous track	Two notches to the left
Listen to the next track	One notch to the right
Skip forwards or backwards one or more tracks	The appropriate number of notches to the right or to the left

10 To cancel the selection, press ■ twice .
- ♦ Once if the compact disc player is stopped
  Result: **PRGM** is no longer displayed.

➢
- ♦ If you open the compartment, the selection is cancelled.
- ♦ If you select the number of a disc which is not loaded or a track which does not exist on the CD, the selection skips to the next programmed track.



Checking or Changing Programmed Tracks

You can check or change your selection of tracks at any time.

1 Press ■ once if you have started listening to the selection.

2 Press **Program/Set** on the remote control.
Result: The following indications appear: PROG CH D1 – –
(C H= Check, 01=Program n°, D1 = Disc n°, – – = Track n° on the disc)

➢ If you have already programmed 24 tracks, **CH** is displayed instead of **PR** when you press **Program/Set**.

3 Press **Program/Set** again.
Result: The first track selected is displayed, together with the letter **CH** (Change).

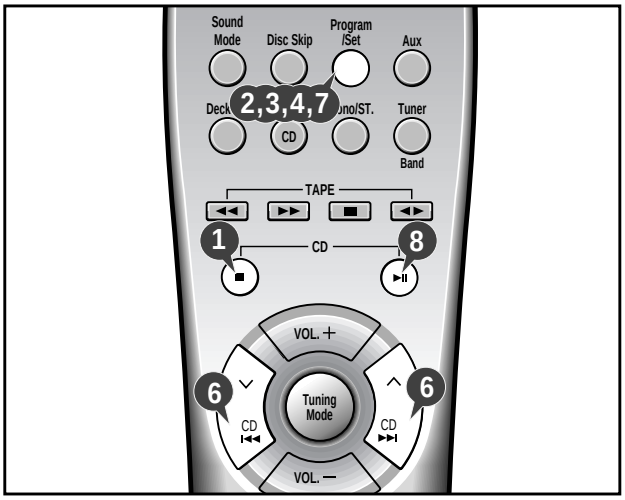
4 Press **Program/Set** one or more times until the track to be changed is displayed.

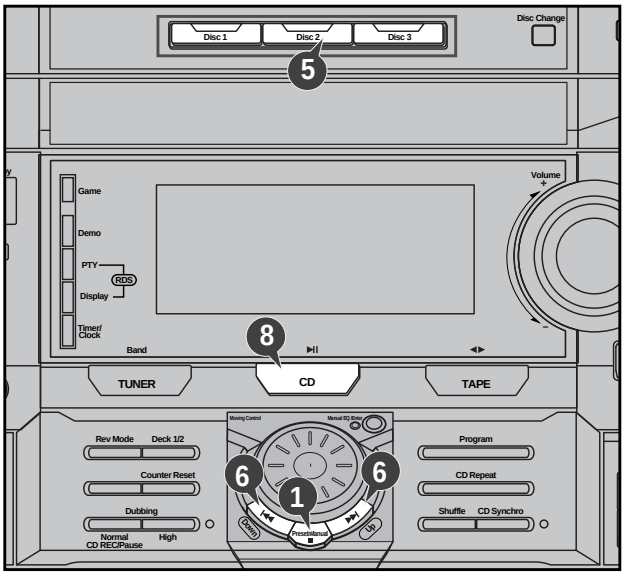
5 If necessary, press the corresponding **Disc (1, 2, 3)** button to change discs.

6 Press **Tuning Down** and **Up** to select a different track.

7 Press **Program/Set** to confirm your change.

8 Press **CD (▶II)** to start listening to the selection.
Result: The first track selected is played.





Downloaded From Disc-Player.com Samsung Manuals

Searching for and Storing the Radio Stations

GB

You can store up to:

- 15 FM stations
- 8 AM(MW) stations
- 7 LW stations

1 Switch the system on by pressing **On/Standby**.

2 Select the TUNER function by pressing **TUNER** on the front panel.

3 Select the required frequency band by pressing **TUNER (Band)** again on the front panel or **TUNER (BAND)** on the remote control.
Result: The appropriate indication is displayed:

FM	Frequency Modulation
AM(MW)	Medium Wave
LW	Long Wave

4

To search for a station...	Press Preset/Manual on the front panel or Tuning Mode on the remote control
Manually	One or more times until **MANUAL** is displayed.
Automatically	One or more times until **AUTO** is displayed.

5 Select the station to be stored by:

- Turning the **Moving Jog** knob to the right or to the lef to increase or decrease the frequency respectively
  or
- Pressing **TUNING** ﹀ or ﹀ on the remote control
- To scroll through the frequencies faster when searching manually, hold down the **Preset/Manual Down** or **Up** buttons.
- The automatic search procedure may stop on a frequency that does not correspond to a radio station. If this happens, use the manual search mode.

6 Adjust the volume by:

- Turning the **Volume** knob on the front panel
  or
- Pressing the **VOL. +** or **–** buttons on the remote control

7 Select the stereo or mono mode by pressing **Mono/ST**.

8 If you do not want to store the radio station found, revert to Step 4 and search for another station.

Otherwise:

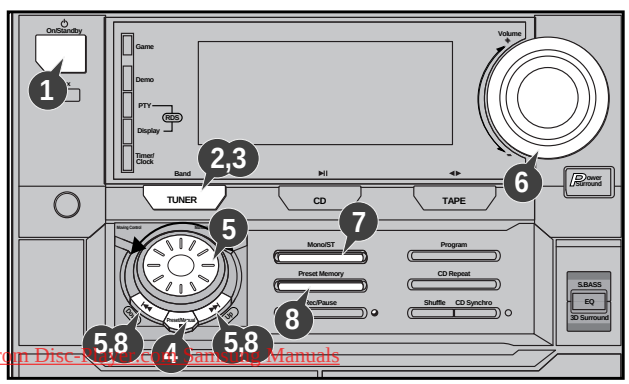
a Press **Preset Memory** on the front panel.
Result: The programme number and **PRGM** are displayed for a few seconds.

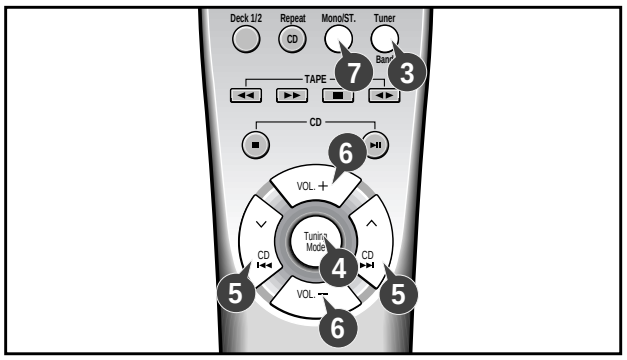
b Press **Preset/Manual Down** and **Up** to assign a programme number between 1 and 15.

c Press **Preset Memory** to store the radio station.
Result: **PRGM** is no longer displayed and the station is stored.

9 To store any other radio frequencies required, repeat Steps **3** to **8**.

➢ The PROGRAM function can be used to assign a new station to an existing programme number.





Selecting a Stored Station

You can listen to a stored radio station as follows:

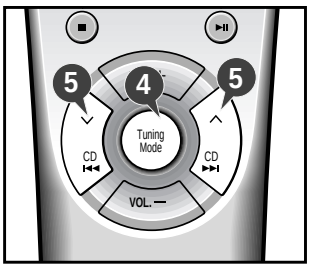
1 Switch the system on by pressing **On/Standby**.

2 Select the TUNER function by pressing **TUNER** on remote control.

3 Select the required frequency band by pressing **Tuner (Band)** on the remote control or **TUNER (Band)** again on the front panel.

4 Press the **Preset/Manual** button on the front panel of the unit, or the **Tuning Mode** button on the remote control until "**PRESET**" is displayed.

5 Tuning the multi-jog on the front panel left or right until the desired station is found.
or
Select the desired station by pressing the station number stored, using the **Tuning** ﹀ or ﹀ button on the remote control.
Result: The desired station is now received.



Improving Radio Reception

You can improve the quality of radio reception by:

- Rotating the **FM** or **AM**(MW) aerial
- Testing the positions of the **FM** and **AM**(MW) aerials before fixing them permanently

➢ If reception from a specific **FM** radio station is poor, press Mono/ST. to switch from stereo mode to mono. The quality of the sound will be improved.

Downloaded From Disc-Player.com Samsung Manuals

Listening to a Cassette

➢ ♦ Always treat your cassettes with care; refer, if necessary, to the section entitled "**Precautions When Using Audio Cassettes**" on page 25.

1 Switch the system on by pressing **On/Standby**.

2 Select the TAPE function by pressing **TAPE** on the front panel.

3 Open either cassette deck 1 or 2 by pushing and releasing the deck cover where **Push Eject** (⏏) is written.

4 Insert the pre-recorded cassette with the open edge of the tape facing downwards.

5 Close the deck by pushing on it until it clicks into place.
Result: Depending on the deck selected, the **1** or **2** indication is displayed in front of the counter number.

➢ If you insert a cassette in both decks, the system selects the deck in which you inserted the second cassette.

6 If you have inserted two cassettes, press **Deck 1/2** on the front panel or directly the **Deck 1/2** button on the remote control to select the cassette to be played.

Result: Depending on the deck selected, the TAPE 1 or TAPE 2 indication is displayed.

7

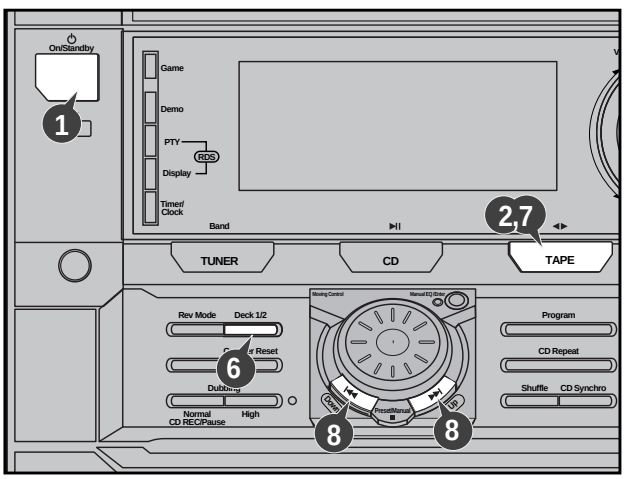
To listen to...	Press ...
Side A	TAPE (◄►)
Side B	TAPE (◄►)

Result: The cassette starts playing.

➢ In case of MAX-N72/N73, this function is possible only in Deck 2.

8 When the cassette is stopped, select one of the following functions as required.

To...	Press ...
Rewind the cassette	◄◄
Fast-forward the cassette	►►



CD Synchro Record Feature

You can record a compact disc on a cassette in two different ways:

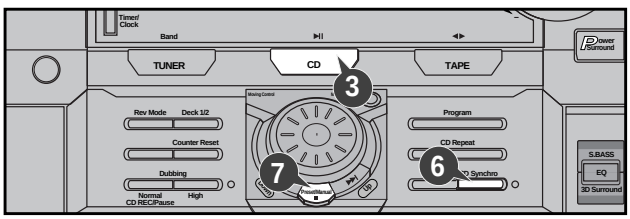
♦ Synchronized recording
♦ Direct recording

This feature enables you to synchronize the start of the recording with the start of the disc or track of your choice.

1 Switch the system on by pressing **On/Standby**.
2 Insert a blank cassette in Deck 2.
3 Select the CD function by pressing **CD** on the front panel.
4 Load a compact disc.
5 Select the required disc.
6 Select the required track and press **CD Synchro** or press **CD Synchro** directly to start recording at the beginning of the disc.
Result: **REC** is displayed and recording starts.

7

To stop...	Press ...
Recording and playing the compact disc	■

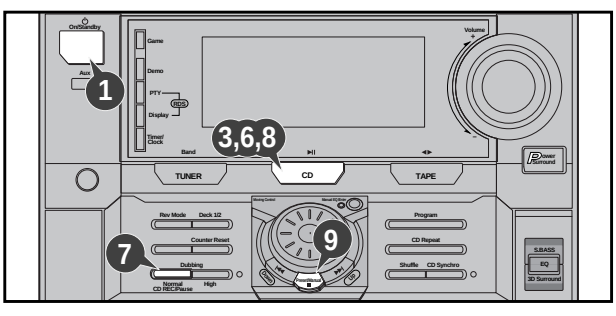


Recording a Compact Disc

The direct recording mode enables you to start recording with any track on the compact disc.

♦ You can only record on cassettes in Deck 2.
♦ You do not need to adjust the volume, as it has no effect on the recording.

1 Switch your system on by pressing **On/Standby**.
2 Insert a blank cassette in Deck 2.
3 Select the CD function by pressing **CD** on the front panel.
4 Load the compact disc.
5 Select the required disc.
6 Select the required track on the compact disc and press ►■ on the front panel or ►II on the remote control to set the compact disc player to Pause mode.
7 Press the **CD Rec/Pause**.
Result: **REC** flashes.
8 Press the ►■ to start playing the track.
Result: The track is recorded on the cassette.
9 When you have finished recording, press ■ for Deck 2 on the remote control or ■ on the front panel to stop recording.



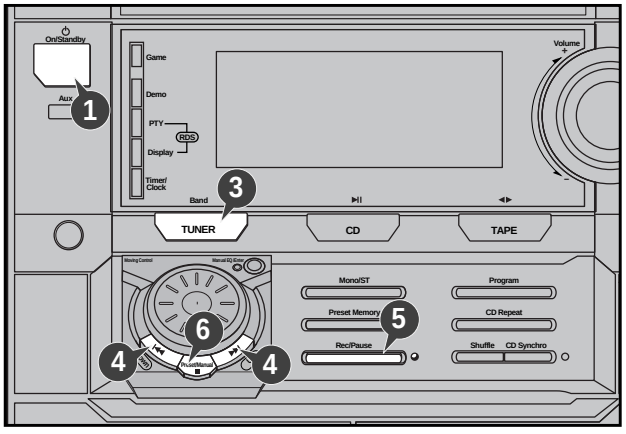
Downloaded From Disc-Player.com Samsung Manuals

Recording a Radio Programme

You can record a radio programme of your choice.

- You can only record on cassettes in Deck 2.
- You do not need to adjust the volume, as it has no effect on the recording.

1. Switch the system on by pressing **On/Standby**.
2. Insert a blank cassette in Deck 2.
3. Select the TUNER function by pressing **TUNER** on the front panel.
4. Select the radio station that you wish to record by pressing **TUNING** ^ or v on the remote control or by press the **Preset/Manual Down** or **Up** on the front panel.
5. Press **Rec/Pause** (●/II) .
   Result: **REC** is displayed in red and recording starts.
6. When you have finished recording, press the ■ for Deck 2 on the remote control or ■ on the front panel to stop recording.



Copying a Cassette (Dubbing)

You can copy a cassette from Deck 1 to Deck 2. Two options are available:

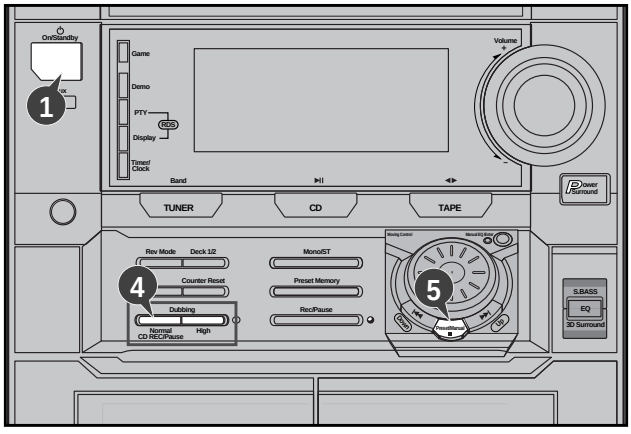
- Normal speed dubbing
- High-speed dubbing

- You do not need to adjust the volume, as it has no effect on the recording.
- Take care not to insert the tape to be copied in Deck 2, as it will be erased when you start recording.

1. Switch your system on by pressing **On/Standby**.
2. Insert a blank cassette in Deck 2.
3. Insert the tape to be copied in Deck 1.
4.

To copy a cassette at...	Press...
Normal speed	DUBBING NORMAL
High speed	DUBBING HIGH

   Result: The appropriate indications are displayed and the cassette in Deck 1 is copied to the cassette in Deck 2.
5. Press ■ on the front panel or ■ for each deck on the remote control when you have finished recording.

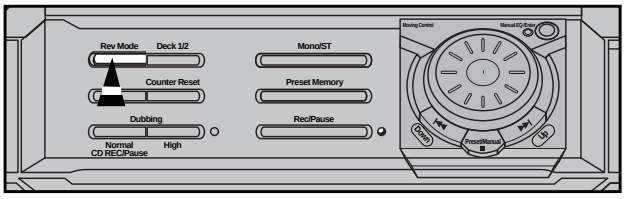


Selecting the Cassette Playback Mode

Your mini-compact system has three cassette playback modes which enable you to listen to both sides of a cassette automatically.
Press Rev Mode until the appropriate symbol is displayed.

When the display indicates...	The mini-compact system plays back...
▶	one side of the selected cassette and then stops.
▶◀	One side of the cassette. The other side of the cassette and then stops.
⟲	Both sides of the cassette indefinitely until you press stop.

In case of MAX-N72/N73, this function is possible only in Deck 2.



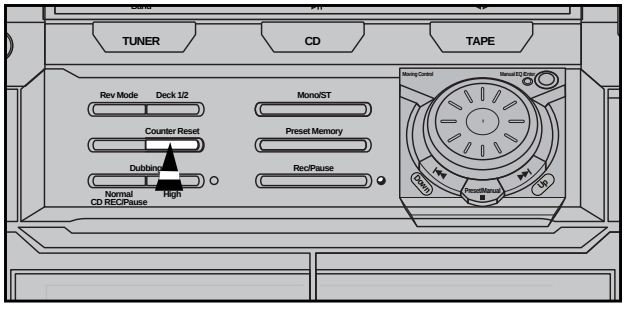
Downloaded From Disc-Player.com Samsung Manuals

Tape Counter

When playing a cassette in one of the cassette decks, a counter is displayed to enable you to take note of the counter value at the start of each track to start playback at the beginning of the track to which you wish to listen.

➢ Before starting to record a cassette for which you wish to take note of the counter values at the beginning of each track, reset the counter by pressing Counter Reset on the front panel.

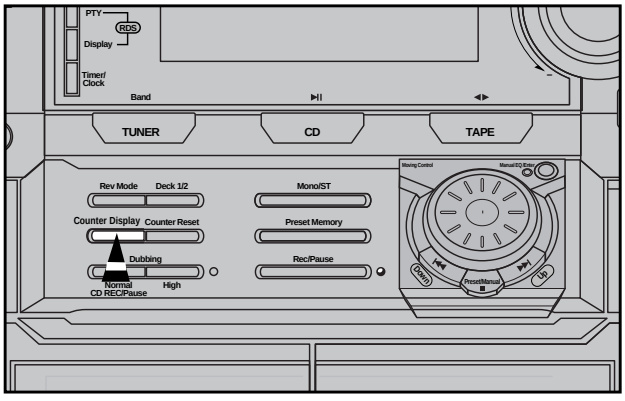
➢ Each cassette deck has a separate counter.



Counter display (Only MAX-N73/N72)

It's a function to be used when confirming the numerical value about an action progress status at the time of tape reproducing or recording.

➢ Press **Counter Display** on the front panel.



(Only MAX-N73/N72)

Dolby Noise Reduction System (Only MAX-N75)

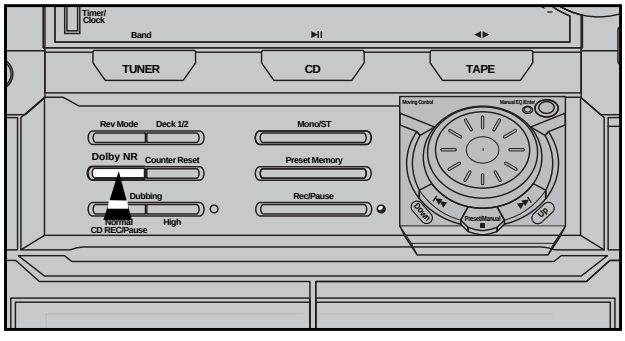
Your mini-compact system has a Dolby Noise Reduction feature, produced under license, in order to remove background noise (noise or hiss) when listening to a cassette.

1 To activate the DOLBY NR mechanism, press **Dolby NR** on the front panel.

2 To deactivate the DOLBY NR mechanism, press **Dolby NR** again

➢ For good quality sound, it is recommended to use DOLBY NR function for cassettes recorded in DOLBY NR.

™ Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. DOLBY and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.



(Only MAX-N75)

Downloaded From Disc-Player.com Samsung Manuals

Timer Function

GB

The timer enables you to switch the system on or off at specific times.

Example: You wish to wake up to music every morning.

➢ If you no longer want the system to be switched on or off automatically, you must cancel the timer.

☛
- Before setting the timer, check that the current time is correct.
- For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

---

1 Switch the system on by pressing **On/Standby**.

2 Press **Timer/Clock** until ◴ **TIMER** is displayed.

3 Press **Manual EQ/Enter** on the front panel.
Result: **ON TIME** is displayed (instead of the equalizer symbols) for a few seconds, followed by any switch-on time already set; you can set the timer switch-on time.

4 Set the timer switch-on time.

a Set the hour by turning the **Moving Jog** knob to the right or to the left.

b Press **Manual EQ/Enter**.
Result: The minutes flash.

c Set the minutes by turning the **Moving Jog** knob to the right or to the left.

d Press **Manual EQ/Enter**.
Result: **OFF TIME** is displayed (instead of the equalizer symbols) for a few seconds, followed by any switch-off time already set; you can now set the timer switch-off time.

5 Set the timer switch-off time.

a Set the hour by turning the **Moving Jog** knob to the right or to the left.

b Press **Manual EQ/Enter**.
Result: The minutes flash.

c Set the minutes by turning the **Moving Jog** knob to the right or to the left.

d Press **Manual EQ/Enter**.
Result: **VOL XX** is displayed, where **XX** corresponds to the volume already set.

6 Turn the **Moving Jog** knob to adjust the volume level and press **Manual EQ/Enter**.
Result: The source to be selected is displayed.

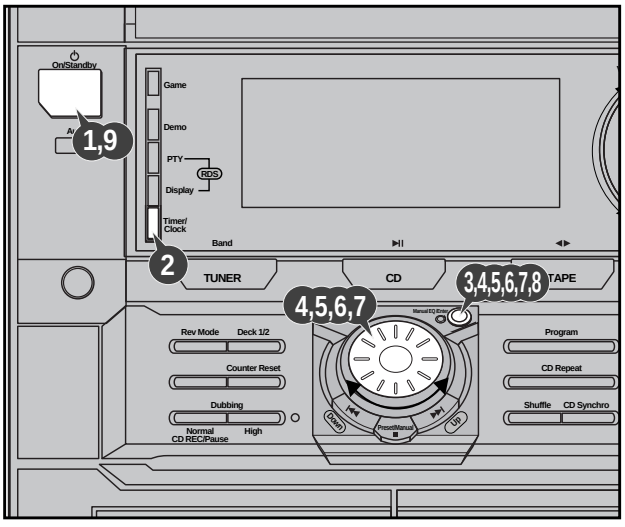
7 Turn the **Moving Jog** knob to select the source to be played when the system switches on.

If you select...	You must also...
TAPE (cassette)	Insert a recorded cassette in one of the decks before setting the system to standby.
TUNER (radio)	**a** Press **Manual EQ/Enter**. **b** Select the **FM** or **AM** frequency band by turning the **Moving Jog** knob to the right or to the left. **c** Press **Manual EQ/Enter**. **d** Select a preset station by turning the **Moving Jog** knob to the right or to the left.
CD (compact disc)	**a** Load one or more compact discs. **b** Select the required disc.

8 Press **Manual EQ/Enter** to confirm the timer.

9 Press **On/Standby** to set the system to standby mode.
Result: ◴ is displayed to the upper right of the time, indicating that the timer has been set. The system will switch on and off automatically at the required times.

➢ If the timer switch on and off times are identical, the word **ERROR** is displayed.



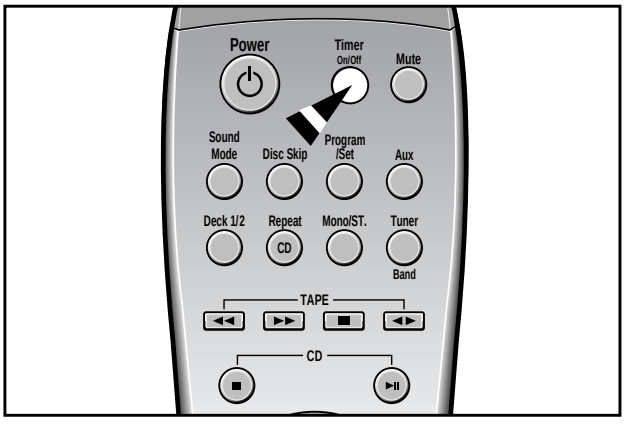
Downloaded From Disc-Player.com Samsung Manuals

Cancelling the Timer

After having set the timer, it will start automatically as shown by the TIMER indication on the display. If you no longer wish to use the timer, you must cancel it.

➢ You can stop the timer at any time (system on or in standby mode).

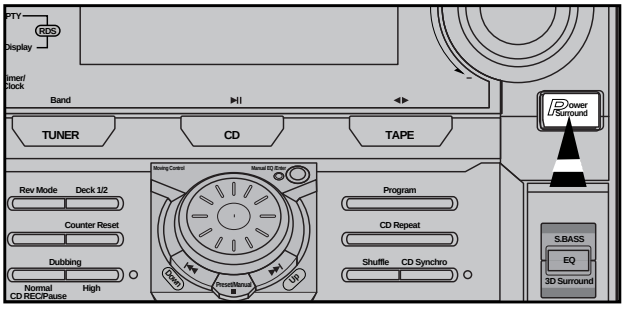
To...	Press Timer-On/Off...
Cancel the timer	Once. Result: ◴ is no longer displayed.
Restart the timer	Twice. Result: ◴ is displayed again.



Power Sound/Surround Function

Your mini-compact system is equipped with the function of Power Sound and Power Surround.
The function of Power Sound amplifies bass and improves high key or bass twice as much for you to appreciate powerful real sound.
The Power Surround replaces conventional stereo sound with a wider and more true-to -life sound. It creates the feeling of being right at the centre of the music and being surrounded by total music sound.

➢ Press Power Surround button on the front panel until the required option is selected. Each time the Power Surround button is pressed, "**POWER SOUND, POWER SURROUND, OFF**" are selected in this order.

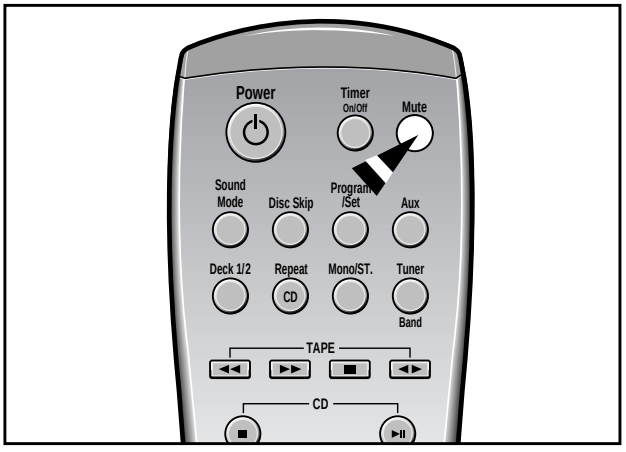


Mute Function

You can turn the sound off temporarily on your system.
Example: You wish to answer a telephone call.

1 Press **MUTE** on the remote control.

2 To switch the sound back on (at the same volume as before), press **MUTE** again or the **VOLUME** buttons.

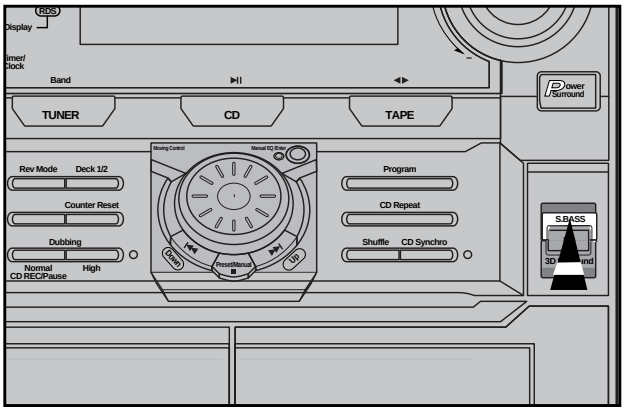


Super Bass System (SBS)

Your mini-compact system has a bass amplification function called SBS (Super Bass System). This function makes the sound more powerful and real.

1 Press the **S. BASS** button on the front panel.
Result: **SBS ON** is displayed for a few seconds.

2 To cancel this function, press **S. BASS** again.
Result: **SBS OFF** is displayed for a few seconds.



Downloaded From Disc-Player.com Samsung Manuals

GB

User EQ Setting

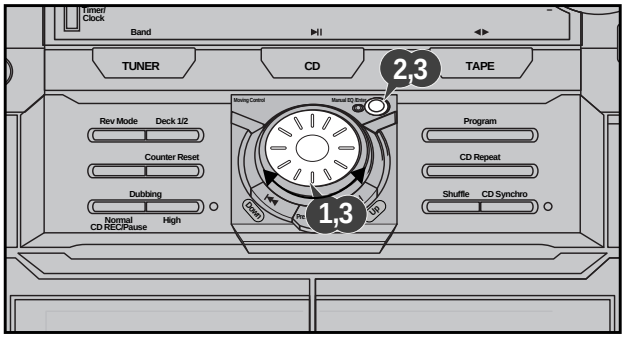
User EQ Setting Function allows you to control tones of music.

1 Press **Manual EQ/Enter** button on the front panel.
Result: **USER EQ** is displayed, and the part to be controlled flashes.

2 Using the **Moving Jog** knob, select a tone that you want. Then, press the **Manual EQ/Enter** button.
Result: Pre-set part stops flashing, and the part to be controlled next starts to flash.

3 Repeat the procedures of above **1** and **2** to control tones of music. When **USER 1** is displayed, select a USER EQ number using the **Moving Jog** knob. Then, press the **Manual EQ/Enter** button.
Result: **USER X** flashes a few seconds, and all procedures are completed. (**X** = **USER EQ** number)

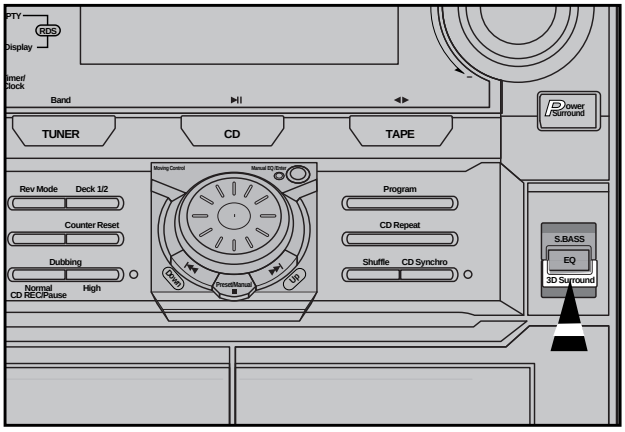
➢ Repeat above procedures 1 to 3 to setup up to three USER EQs.



3D Surround Function

This model provides 3D Surround modes so that you can enjoy virtually original sound.

➢ Press 3D Surround on the front panel until the required option is selected. Each time the 3D Surround button is pressed, "**HALL**(Concert hall mood), **LIVE**(Live house sound), **MOVIE** (Cinema mood), **OFF**" are selected in this order.



➢ Press SOUND MODE on the remote control until the required option is selected. Each time the SOUND MODE button is pressed in sequence, the equalizer modes, 3D Surround modes and Power Surround modes "**PASS, POP, ROCK, CLASSIC, USER 1, USER 2, USER 3, HALL, LIVE, MOVIE, POWER SOUND, POWER SURROUND**" are selected in this order.

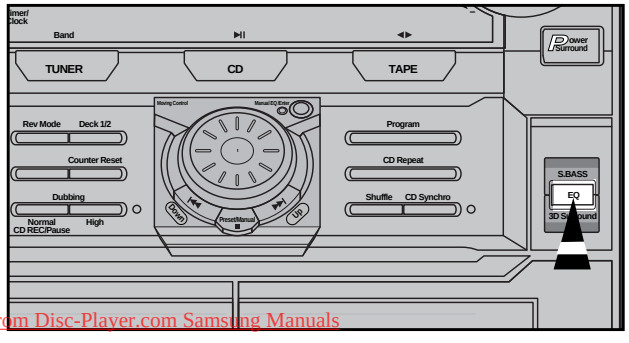
Selecting an Equalizer Preset

Your mini-compact system is equipped with a preset equalizer that allows you to choose the most appropriate balance between treble and bass frequencies, according to the type of music you are listening to.

Press EQ on the front panel until the required option is selected.

Equalizer mode

PASS ····· Normal balance (linear)
POP ····· Balance suitable for pop music
ROCK ····· Balance suitable for rock music
CLASSIC ····· Balance suitable for classic music
USER 1, 2, 3



Downloaded From Disc-Player.com Samsung Manuals

Game Function

You can enjoy simple games on the display window of the front panel.

1 Press **Game** on the front panel.
Result: **SHOOTING** flashes.

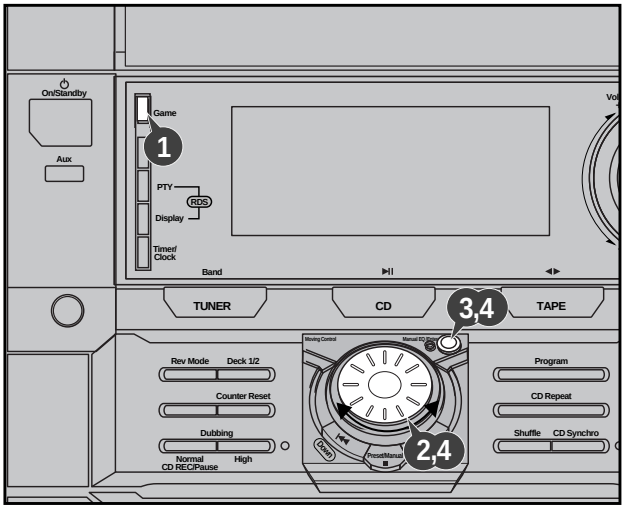
2 Turn the **Moving Jog** knob to the right or to the left.
Result: **RACING** and **SHOOTING** are displayed alternately.

3 Press the **Manual EQ/Enter** button to select a game.
Result: **01 LEVEL** is displayed. (01=level of a game)

4 Turn the **Moving Jog** knob to select a level. Then, press the **Manual EQ/Enter** button.
Result: The game gets started.

☛ SHOOTING :
Move the **Moving Jog** knob to attack the enemies and press the Manual EQ/Enter button to shoot.
RACING:
Move the **Moving Jog** knob to avoid crashing with the enemies coming down.

☛
- You starts with three lives.
- When the unit bumps against the enemy, you will lose one live. Then, "**CRASH**" appears on the display window.
- You will be leveled up after you reaching the settled point.
- When you play "**SHOOTING**" game, everytime the enemy arrives at the settled line, the remaining energy diminish one by one.
- After finishing the game, "**GAME OVER**" appears on the display window. If you want to restart the game, repeat the process 1 to 4.



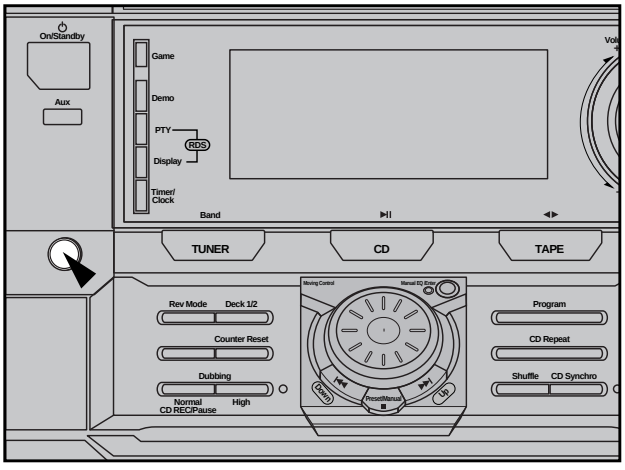
Connecting Headphones

GB

You can connect a set of headphones to your mini-compact system so that you can listen to music or radio programmes without disturbing other people in the room. The earphones must have a 6.3 mm jack or an appropriate adapter.

Connect the headphones to the **Phones** jack on the front panel.
Result: The loudspeakers are no longer used to output the sound.

☛ Prolonged use of headphones at a high volume may damage your hearing.



Downloaded From Disc-Player.com Samsung Manuals

GB

Connecting to an External Source

The auxiliary input can be used to take advantage of the sound quality of your mini-compact system when listening to other sources.

Examples:
- A television
- A video disc player
- A DAT or DCC cassette player
- A Hi-Fi stereo video cassette recorder

➢ To connect the external source, the source must have an audio output. In addition, you need an RCA connection cable.

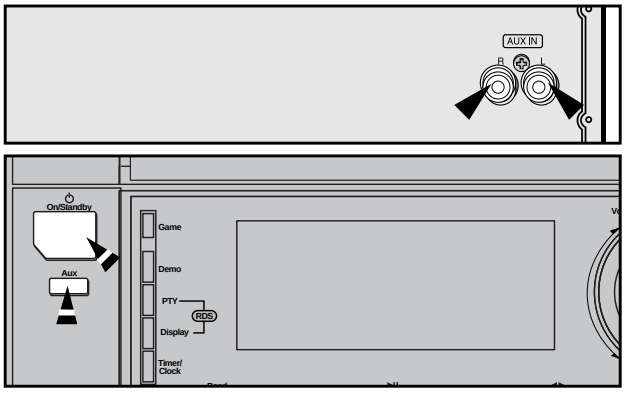
1. Set the system to standby mode and disconnect it and the external source from the main.
2. Connect the audio cable to the rear of the mini--compact system.

Connect the...	To the connector marked...
Red jack	R (right)
White jack	L (left)

➢ For optimum sound quality, do not invert the right and left channels.

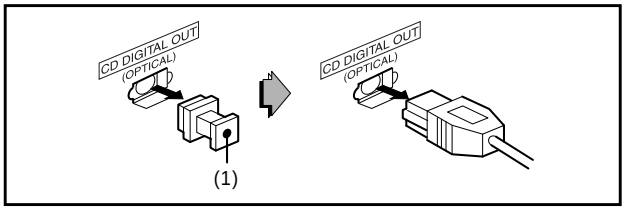
3. Plug the system back into the main socket and press **On/Standby** to switch it on.
4. Select the AUX source by pressing **AUX** on the front panel or on the remote control.
   Result: **AUX** is displayed.
5. Switch the external source on.
6. Adjust the volume and balance as required:
   - Volume
   - Equalizer

Example: You can watch a film and take advantage of stereo sound provided that the original sound track is in stereo, (as if you were in a cinema).



CD Digital Out Jack

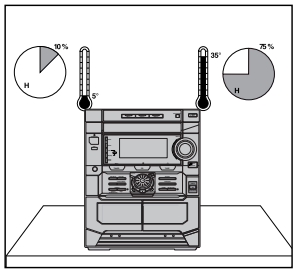
This unit can output CD digital sound signals through this jack. Use an optical cable to connect digital audio equipment. (DAT deck, MD recorder, etc.).
Remove the dust cap (1) from the CD DIGITAL OUT jack. Then, connect an optical cable plug to the CD DIGITAL OUT jack.



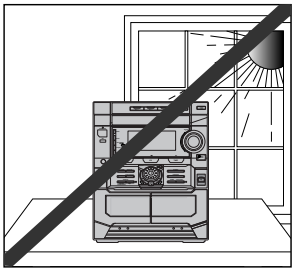
When the CD DIGITAL OUT jack is not being used
Attach the supplied dust cap.

Safety Precautions

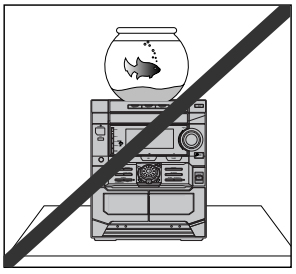
The following diagrams illustrate the precautions to be taken when using or moving your mini-compact system.



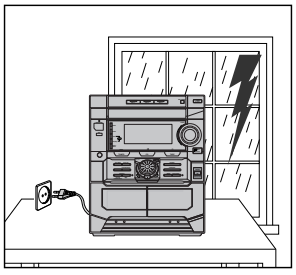
Ambient operating conditions:
Ambient temperature 5°C-35°C
Humidity 10-75%



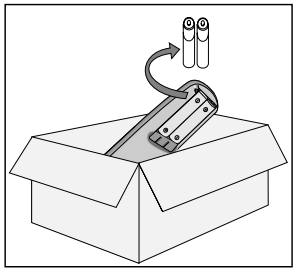
Do not expose the unit to direct sun radiation or other heat sources. This could lead to overheating and malfunction of the unit.



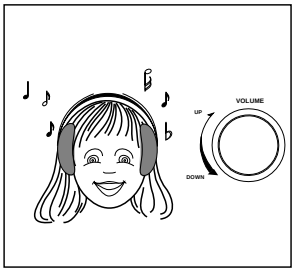
Do not place potted plants or vases on top of the unit. Moisture entering the unit could lead to dangerous electric shock and can cause equipment damage. In such events immediately disconnect the main plug from the socket.



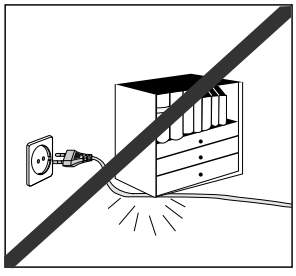
During thunderstorms, disconnect the main plug from the socket. Main voltage peaks due to lightning could damage the unit.



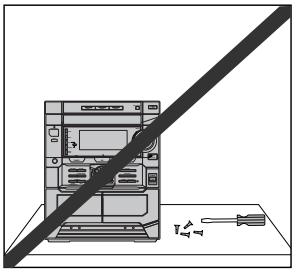
Remove the batteries from the remote control, if not used for any extended periods.
Leaking batteries can cause serious damage to the remote control.



When using headphones, take care not to listen at excessive volumes. Extended use of headphones at high volumes will lead to hearing damage.



Do not place heavy items on the main lead. Main cable damage can lead to damage of the equipment (fire hazard) and can cause electric shock.



Do not remove any equipment panels. The inside of the unit contains live components, which cause electric shock.

Downloaded From Disc-Player.com Samsung Manuals

Cleaning Your Mini-Compact System

To obtain the best possible results from your mini-compact system, you must clean the following elements regularly:

- The outer casing
- The compact disc player
- The cassette players (heads, rollers and drive capstans)

☛ Always unplug the system from the wall outlet:

- Before cleaning it
- If you are not going to be using it for a long time

Outer Casing

Clean the outer casing regularly using a soft cloth and a light detergent. Do not use abrasive powders, liquids or aerosol cleaners. Never let any liquids get into the system.

Compact Disc Player

1. Before playing a compact disc, clean it with a special CD cleaning agent. Do not use the same cleaning agents as for vinyl LP records. Carefully wipe the disc from the centre outwards.

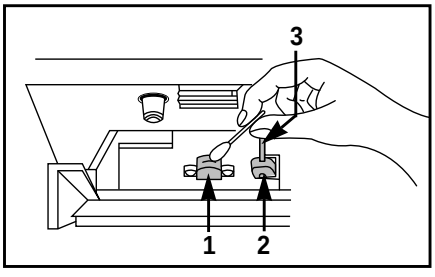
2. Regularly clean the player with a special cleaning disc (available from your local dealer).

Tape Decks

1. Press **EJECT**(▲) to open the cassette deck.

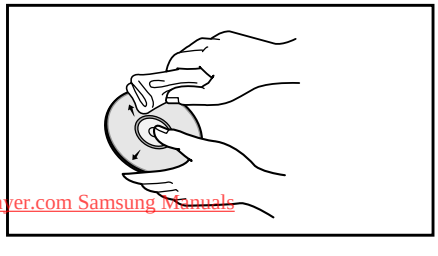
2. Use a cotton bud and a special cassette cleaning agent to clean the:
   - Head (1)
   - Rollers (2)
   - Drive capstans (3)

☛
- If you will not be using the remote control for a long time, remove the batteries to prevent corrosion.
- Although your system is very hard-wearing, it should not be used in an excessively dusty environment or subjected to shocks or extreme heat (close to heating appliances or in direct sunlight, etc.).
- If the unit emits an unpleasant odour when in use, unplug it from the main supply and contact the after-sales service.



Precautions When Using Compact Discs

- Handle your compact discs with care. Always hold them by the edges to avoid leaving fingerprints on the shiny surface.
- When you have finished playing a compact disc, always put it back in its case.
- Do not fix paper or adhesive tape to the discs and do not write on the label.
- Clean them with a special-purpose cloth.
- Store your compact discs in a clean place, out of direct sunlight, where they will not be exposed to high temperatures.
- Always use compact discs marked. DIGITAL AUDIO disc



Precautions When Using Audio Cassettes

GB

- Check that the tape in the cassette is sufficiently taught.
- To prevent erasing a cassette that you wish to keep, remove the safety tab on the upper edge of the cassette. To record a cassette, where the tab has been broken, simply cover the opening with adhesive tape.
- When you have finished playing a cassette, always put it back in its case.
- Store your cassettes in a clean place, out of direct sunlight, where they will not be exposed to high temperatures.
- Avoid using 120-minute cassettes as they place unnecessary strain on the tape mechanism.

Before Contacting the After-Sales Service

It always takes a little time to become familiar with a new appliance. If you have any of the problems listed below, try the solutions given. They may save you the time and inconvenience of an unnecessary service call.

	Problem	Checks/Explanation
GENERAL	The system does not work	• *The main lead is not correctly plugged into a wall socket or the wall socket is not switched on.* • *The remote control batteries need replacing or the polarity has not been respected.* • *The **On/Standby** button has not been pressed.*
	There is no sound	• *The volume has been completely turned down.* • *The correct function (TUNER, CD, TAPE, AUX) has not been selected.* • *You have connected a set of earphones.* • *The loudspeaker wires have been disconnected.* • *The **Mute** button has been pressed.*
	The Timer does not work	• *The timer has been stopped by pressing **Timer On/Off**.*
	Incase it is not worked, even the action is taken as above.	• *Press the **S. Bass** button for 5 seconds in power 'OFF'(standby), then it is returned the original position (RESET)*
CD	The compact disc player does not start playing	• *The CD function has not been selected.* • *The disc has been inserted face down or is either dirty or scratched.* • *The laser sensor is dirty or dusty.* • *The system has not been installed on a flat, horizontal surface.* • *Condensation has formed in the player; leave the system in a warm, airy room for at least one hour.*
CASSETTES	The tape does not start playing	• *The TAPE function has not been selected.* • *The cassette has not been inserted correctly.* • *The cassette player has not been closed.* • *The tape is either slack or broken.*
	The volume falls off The cassette is not erased correctly There is excessive wow and flutter	• *The audio heads are dirty.* • *The rollers or drive capstans are dirty.* • *The tape is worn.*
RADIO	Reception is poor or no radio stations are received at all	• *The TUNER function has not been selected.* • *The radio frequency has not been correctly selected.* • *The aerial has been disconnected or is not facing the right way. Turn it until you find the best orientation.* • *You are in a building that blocks radio waves; you must use an outside aerial.*

If the above guidelines do not allow you to solve the problem, take a note of:

- The model and serial numbers, normally printed on the rear of the system
- Your warranty details
- A clear description of the problem

Then contact your local dealer or SAMSUNG after-sales service.

Downloaded From Disc-Player.com Samsung Manuals

Technical Specifications

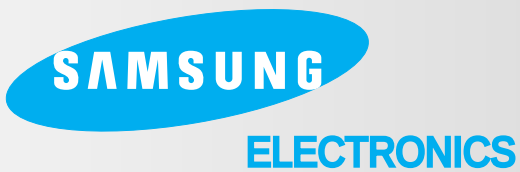
GB

SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

RADIO	
LW	
Usable sensitivity	60 dB
AM (MW)	
Signal/noise ratio	40 dB
Usable sensitivity	54 dB
Total harmonic distortion	2 %
FM	
Signal/noise ratio	62 dB
Usable sensitivity	10 dB
Total harmonic distortion	0.3 %
COMPACT DISC PLAYER	
Capacity	3 discs
Frequency range	20 Hz - 20 KHz (± 1 dB)
Signal/noise ratio	90 dB (at 1 KHz) with filter
Distortion	0.05 % (at 1 KHz)
Channel separation	74 dB
Disc sizes	Diameter: 120 or 80 mm. Thickness: 1.2 mm
TAPE DECK	
Frequency range	125 Hz ~ 8 KHz
Signal/noise ratio	40 dB
Channel separation	35 dB
Erasing effect	60 dB
AMPLIFIER	
Output power (6 Ω)	2 x 120 Watts RMS (total harmonic distortion: 10 %) ·····**MAX-N72/N73**
	2 x 200 Watts RMS (total harmonic distortion: 10 %) ·····**MAX-N75**
Channel separation	50 dB
Signal/noise ratio	75 dB
GENERAL	
Dimensions	270 (W) x 317 (H) x 340 (D) mm

Downloaded From Disc-Player.com Samsung Manuals

THIS APPLIANCE IS MANUFACTURED BY:



Downloaded From Disc-Player.com Samsung Manuals